

# Comparisons of Job Characteristics

**Focus Occupation:** [Electrical and Electronics Installers and Repairers, Transportation Equipment \(49-2093\)](#)

**Associated Occupation:** [Maintenance Workers, Machinery \(49-9043\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 73

**Focus Occupation:** Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)

**Associated Occupation:** Maintenance Workers, Machinery (49-9043)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	21.8	12.6	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	10.8	11.0	0	Current knowledge level may be sufficient
Building and Construction	4.0	10.3	8.6	<	Expanded education and/or training may be required
Design	5.2	9.2	8.8	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 77

**Focus Occupation:** Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)

**Associated Occupation:** Maintenance Workers, Machinery (49-9043)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Equipment Maintenance	3.5	11.9	8.6	<<	Extensive development of skills in this area may be required
Operation Monitoring	6.6	11.9	8.5	<<	Extensive development of skills in this area may be required
Repairing	3.4	11.8	9.2	<	A higher skill level may be required
Troubleshooting	4.5	11.0	8.8	<	A higher skill level may be required
Operation and Control	5.4	10.6	6.4	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	10.0	8.3	<	A higher skill level may be required
Equipment Selection	3.3	8.5	6.1	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093) Associated Occupation: Maintenance Workers, Machinery (49-9043)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	10.7	11.4	0	Current ability level may be sufficient
Visualization	7.5	10.0	8.1	<	Some improvement in abilities may be required
Reaction Time	4.8	8.4	2.9	<<	Extensive improvement in abilities may be required
Static Strength	5.0	8.4	4.1	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	7.9	8.3	0	Current ability level may be sufficient
Rate Control	3.8	7.1	2.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 62
Focus Occupation: Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093) Associated Occupation: Maintenance Workers, Machinery (49-9043)		
Work Activities	Exclusivity of Activity	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Understand service or repair manuals	40	
Understand technical operating, service or repair manuals	6	
Use basic carpentry techniques	62	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: n/a
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<b>Focus Occupation: Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)</b> <b>Associated Occupation: Maintenance Workers, Machinery (49-9043)</b>
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<b>Tools and Technologies</b>	<b>Exclusivity</b>
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Tools and technology data is unavailable for one or both occupations.
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.